



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

JACKSON'S VEGETABLE TECHNOLOGY.¹—The purpose of this work is to supply, in compact form, references to the many botanical papers and books of economic interest, and which, in many cases, were so published as not to be catalogued in the ordinary book lists. As stated in the title page, the book is founded upon a catalogue of works on applied botany, prepared by Mr. G. J. Symons. To that list large additions and many corrections and modifications were made. Books or papers of purely local value were stricken out, as were also those on silk and cochineal culture, as well as those relating to the vine, the latter "simply on the ground of its enormous extent."

The plan of the work is to give first an author's catalogue of books, that is, the books, papers, etc., are arranged alphabetically by the author's names. The place and date of publication are given in each case, along with the full title. A catalogue of serials, and one of anonymous publications follow, the first notable for its shortness. No serial is entered for the United States.

The index of subjects fills about one hundred pages, and is sufficiently classified as to enable one to readily find any book or paper in the author's catalogue. The volume cannot fail to be of great use to librarians and others who wish to know the extent of the literature of the department of botany of which it treats.—*C. E. B.*

RECENT BOOKS AND PAMPHLETS.—Ext. Note sur l'Osteologie des Mosasauridae. Par M. L. Dollo. Ext. du Bulletin du Musée Royal, d'Histoire Naturelle de Belgique. Tome 1, 1882. From the author.

Synopsis of the Classification of the Animal Kingdom, by H. Alleyne Nicholson. Messrs. Blackwood & Co., Edinburgh and London, 1882. From the author.

The Quarterly Journal of the Boston Zoological Society. Vol. 1. October, 1882. No. 4. From the society.

Prospectus of the second edition of the American Palæozoic Fossils. By S. A. Miller. From the author.

The Geological Record for 1878, with supplements for 1874–1877. Edited by Wm. Whitaker and W. H. Dalton. London, 1882. From the editors.

Sitzungsberichte der Gesellschaft zur Beförderung der gesammten Naturwissenschaften zu Marburg, 1880 and 1881. From the society.

Etude Carcinologique sur les genres Pemphix, Glyphea et Araeosternus. Par T. C. Winkler. Ext. des Archives du Musée Teyler. T. 1, sér. 11, par. 11. Haarlem, 1882. From the author.

Bulletin of the American Museum of Natural History. Central Park, New York. Vol. 1, No. 3. On the Fauna of the Lower Carboniferous Limestone of Spargen Hill, Indiana, with a revision of the descriptions of its fossils hitherto published, and illustrations of the species from the original type series. By R. P. Whitfield. From the author.

Tryon's Manual of Conchology. Von W. Kobelt. Diagnosen neuer Arten (Helices). By the same. From the author.

Notes on some of the Tertiary Neuroptera of Florissant, Col., and Green river, Wyoming Territory. By S. H. Scudder. From the author.

¹ *Vegetable Technology*. A contribution towards a bibliography of economic Botany, with a comprehensive subject-index. By Benjamin Daydon Jackson, Secretary of the Linnean Society. Founded upon the collections of George James Symons, F. R. S. London: Published for the Index Society. Dulau & Co. 1882.

Annual Report of the American Museum of Natural History, Central Park, N. Y. Feb. 15, 1882.

A sketch of the progress of American mineralogy, an address delivered before the Amer. Assoc. for the Adv. of Science, at Montreal, Aug. 25, 1882, by Professor Geo. J. Brush, president. Salem. From the author.

On the Cranium of a new species of *Hyperodon* from the Australian seas. By W. H. Flower. From the Proc. Zool. Soc. of London, May, 1882. From the author.

An die Mitarbeiter und Freunde des "Kosmos." By Professor Dr. B. Vetter. A notice of the transference of the editorship of the above magazine from Dr. E. Krause to the author.

Humboldt Library No. 38. Geological Sketches. By Archibald Geikie. Part 1.

Kant. By William Wallace, M. A. Philadelphia, J. B. Lippincott & Co. From the publisher.

Nature Series. Charles Darwin. London, Macmillan & Co., 1882. Contains notices of his life and character, work in zoölogy and work in psychology, by G. J. Romanes; his work in botany, by W. T. Thiselton Dyer; his work in geology, by A. Geikie, and an introductory notice by T. H. Huxley. All reprints from "Nature." From the publisher.

The Scientific Roll and Magazine of Systematized Notes. Climate. Vol. I, Part 2. Aqueous vapor. Conducted by Alex. Ramsay, F.G.S. London. From the publisher.

Some Observations on ostriches and ostrich farming.

Sur les constructions turriformes des Vers de terre de France. Par M. E. L. Trouessart. Paris. From the author.

Description Lithologique des Récifs de St. Paul. Par A. Renard. Bruxelles. Ext. des Ann. de la Soc. belge de Microscopie. From the author.

Les Roches Grenatifères et Amphiboliques de la Région de Bastogne. Par A. Renard. Ext. du Bulletin du Mus. Roy. d'Hist. Nat. de Belgique. From the author.

Notes on the Bartram oak (*Quercus heterophylla* Michx.). By Isaac C. Martindale. From the author.

Compte-Rendu des Seances de la Commission Internationale de Nomenclature Géologique et du Comité de la Carte Géologique de l'Europe, tenues a Foix (France), Sept., 1882.

Dr. H. H. G. Bronn's Klassen und Ordnungen des Thierreichs. Sechster band, III Abtheilung. Reptilien. Leipzig und Heidelberg. From the publisher.

Catalogue of Mammalia in the Indian Museum, Calcutta. By John Anderson, M.D. Part I. Primates, Prosimiæ, Chiroptera and Insectivora. Calcutta. Printed by the trustees of the Indian Museum.

—:O:—

GENERAL NOTES.

GEOLOGY AND PALÆONTOLOGY.

ON *UINTATHERIUM* AND *BATHMODON*.—At a recent meeting of the Philadelphia Academy, Professor Cope exhibited a mandible of *Uintatherium robustum* of Leidy, which includes the symphysis. This region supports but two teeth, probably incisors on each side, which distinguishes the genus from *Bathyopsis* Cope, where there are four on each side. Its structure in this point had been previously unknown. He then exhibited some bones of *Bathmodon*, and showed that the genus differs from *Coryphodon* in the articulation of the astragalus. This element has a facet on its internal side not found in *Coryphodon*. It may be an articular face for a produced entocuneiform, or for a distinct bone or spine. The specimens exhibited represent the *Bathmodon radians* and a new and much larger species, to which the name of *Bathmodon pachypus* was given.